

**North American Numbering Council  
Meeting Minutes  
March 15, 2005 (Final)**

**I. Time and Place of Meeting.** The North American Numbering Council held a meeting commencing at 9:30 a.m., at the Federal Communications Commission, 445 12th Street, S.W., TW-C305, Washington, D. C.

**II. List of Attendees.**

Voting Council Members:

1. Robert Atkinson	Chairman
2. Mark Lancaster	AT&T
3. Fred McCallum, Jr.	BellSouth
4. Stephen Trotman	CompTel/ASCENT Alliance
5. Carrington Phillip	Cox Communications, Inc.
6. Karen Mulberry	MCI
7. Hon. Jack Goldberg	NARUC – Connecticut
8. Mike Balch	NARUC, Iowa
9. Colleen Dale	NARUC – Missouri
10. Don Gray	NARUC - Nebraska
11. Christine Sealock Kelly	NARUC – New York
12. Natalie Billingsley	NASUCA - California
13. Philip McClelland	NASUCA – Pennsylvania
14. Jerome Candelaria	NCTA
15. Rosemary Emmer	Nextel
16. Ray Strassburger	Nortel Networks
17. John McHugh	OPASTCO
18. C. Courtney Jackson	OUR
19. Mary Retka	Qwest
20. John Jefferson	SBC Communications, Inc.
21. Hoke Knox	Sprint
22. Anna Miller	T-Mobile USA, Inc.
23. Thomas Soroka, Jr.	USTA
24. Douglas P. Sullivan	Verizon

Special Members (Non-voting):

John Manning	NANPA
Jean-Paul Emard	ATIS
Amy Putnam	PA
Faith Marcotte	Welch & Company

#### Commission Employees:

Sanford Williams, Designated Federal Officer (DFO)  
Pam Slipakoff, Alternate DFO  
Deborah Blue, Assistant to the DFO  
Cheryl Callahan, Assistant Chief, Telecommunications Access Policy Division  
Regina Brown, Telecommunications Access Policy Division  
Marilyn Jones, Telecommunications Access Policy Division

**III. Estimate of Public Attendance.** Approximately 40 members of the public attended the meeting as observers.

#### **IV. Documents Introduced.**

- (1) Agenda
- (2) NANC Meeting Minutes – January 19, 2005
- (3) NANPA Report to the NANC
- (4) National Thousands Block Number Pooling Services Report
- (5) INC Report to the NANC
- (6) Billing and Collection Agent Report to the NANC
- (7) Billing and Collection Working Group Report to the NANC
- (8) Safety Valve IMG Final Report to the NANC
- (9) LNPA Working Group Status Report to the NANC
- (10) Numbering Oversight Working Group Report
- (11) Thousands Block Pooling Contractor Technical Requirements
- (12) Future of Numbering Working Group Report to the NANC
- (13) VeriSign Presentation to NANC re Implementing Telephone Numbers for VoIP
- (14) CC1 ENUM LLC Presentation to the NANC
- (15) Number Portability Administration Center Change Orders NANC 399 and NANC 400
- (16) NeuStar Proposals re Expansion of NPAC Role to Industry Wide IP Routing
- (17) List of NANC Accomplishments (January 2002 – March 15, 2005)

#### **V. Summary of the Meeting.**

An additional item was added to the NANC Agenda: Agenda Item 13a – An in-depth discussion on NPAC Change Orders 399 and 400. John Jefferson, SBC, on behalf of the SMS/800 Number Administration Committee (SNAC), advised that the IMG has not yet completed its proposed changes to the SNAC Guidelines.

**Announcements and Recent News.** Sanford Williams, DFO, announced the appointment of four new seats to the NANC membership: Qwest – Mary Retka as the primary representative and Mike Whaley as the alternate; Cox – Carrington Phillip as the primary representative and Beth O'Donnell as the alternate; Level 3 – Christopher Littlewood as the primary representative and Dena Hunter as the alternate; and Vonage – Jeffrey Citron as the primary representative and Chris Murray as the alternate. NCTA

has changed its representatives: Jerome Candelaria is the primary representative and Carrie Cox is the alternate. Kecia Lewis will serve as the alternate representative for MCI. Colleen (Cully) Dale will serve as the alternate representative for NARUC Missouri.

Mr. Williams further announced that TIA has been dismissed from the NANC due to lack of attendance. Chairman Atkinson commended the FCC for the new appointments to the NANC. He emphasized the importance of bringing in representatives of emerging industries that use telephone numbers.

Chairman Atkinson advised the NANC of the merger between CompTel and ALTS (CompTel/ALTS). He pointed out that their NANC membership has merged.

Beth O'Donnell, Cox, proposed that a NANC training session be held to educate the new NANC members and refresh current members on the purpose of the NANC, the history of the NANC, the consensus process, the Mission and Scope of each working group, how the NANC reports to the FCC, etc. Beth O'Donnell will serve as Chair for the NANC Primer IMG. Volunteers for the IMG should contact Beth O'Donnell. A recommendation will be presented at the May 17, 2005 NANC meeting.

Mr. Williams advised that in January the Wireline Competition Bureau granted the Petition of SBCIS to obtain numbers from the Pooling Administrator or the NANPA with some conditions. On March 11, 2005, the FCC released a Public Notice seeking comment on six similar petitions (DA 05-663). These six petitions were submitted after the FCC granted SBCIS's Petition.

Mr. Williams advised that on March 14, 2005, the FCC released the Pipeline Safety Act item which established 811 as the N11 code to be used by state One Call Notification Systems. He pointed out that the NANC was very instrumental in looking at the item and offering suggestions. Mr. Williams, on behalf of the FCC, thanked the NANC.

**A. Approval of Meeting Minutes.** The January 19, 2005 NANC Meeting Minutes were approved.

**B. North American Numbering Plan Administrator (NANPA) Report to the NANC.** John Manning, NANPA, provided the report to the NANC.

Central Office Code (CO) Activity Report. Mr. Manning reported that in February 2005, 403 CO Codes were assigned. He noted that this was the third highest total number of CO Code assignments for the NANPA since January 2003. Mr. Manning stated that the volume of CO Code returns is down from 2003.

NPA Relief Planning. Mr. Manning gave an update on the following four NPAs:

- MS 601 – Mandatory 10 digit dialing started on 3/14/05. NPA 769 will relieve NPA 601. Code assignments from 769 will begin with the exhaust of 601 codes.
- CA 310 – As of 3/11/05, there are 9 codes available for assignment. Mr. Manning noted that a Petition was filed during the week of March 7, 2005 from several carriers with regard to the relief of CA 310. He indicated that the Petition asked for a triggered overlay.
- GA 706 – This NPA was put into jeopardy in December 2004. Rationing was established in January 2005. The NANPA is working closely with the Georgia Public Service Commission. The exhaust date will be revised in April 2005.
- IL 630 - An approved relief plan is in place.

Department of the Navy (DON) NPA Request. Mr. Manning reported that on March 3, 2005, the DON requested that the NANPA table consideration of the assignment of an area code. The NPA code application is currently “suspended” by the NANPA. The DON indicated that it would use the next 90 days to conduct further analysis and review within the Department to reach satisfactory resolution of questions concerning a Navy NPA concept and implementation. The application will remain suspended until the applicant provides further input.

Feature Group B (FG B) Carrier Identification Codes (CICs). Mr. Manning reported that during 2004 the NANPA assigned three (3) FG B CICs, yielding an average assignment rate of less than one CIC per month. NANPA made a concerted effort in 2004 to investigate and reclaim FG B CICs that were “abandoned” (assigned to companies no longer in business) and /or not in service. This effort resulted in the reclamation of 132 FG B CICs.

Mr. Manning advised that at the end of 2004, 692 FG B CICs were assigned in total. The potential exhaust of the FG B CIC resource is not a concern based on the current rate of assignment.

Feature Group D (FG D) Carrier Identification Codes (CICs). Mr. Manning reported that during 2004 the NANPA assigned 133 FG D CICs, yielding an average assignment rate of 11 codes per month. US/Canadian switchless resellers received 38 of these assignments. Over 7,500 FG D CICs remain available for assignment. The NANPA made a concerted effort in 2004 to investigate and reclaim FG D CICs that were “abandoned” (assigned to companies no longer in business and/or not in service). The NANPA reclaimed 319 FG D CICs in 2004.

Mr. Manning stated that based on the 2004 average monthly assignment rate, the projected exhaust for the FG D CIC resource is over 50 years.

500 NPA. Mr. Manning reported that in 2004, the NANPA assigned 6 new 500-NXX codes and reclaimed a total of 9 codes. At the end of 2004, there were 516 assigned 500

NXX codes and 272 available for assignment. Based on the current assignment rate, and excluding reclaimed/returned codes, the supply of 500 NXX codes will not exhaust for 40 plus years.

900 NPA. Mr. Manning reported that in 2004, there were twenty (20) 900 NXX codes assigned and 27 codes reclaimed. At the end of 2004, there were 192 assigned/reserved 900 NXX codes and 600 available NXXs.

555 Line Numbers. Mr. Manning reported that during 2004, there were no 555 line numbers assigned by the NANPA. Also, no 555 line number assignments were reclaimed in 2004. The current assignment trend indicates no concern for exhaust of this resource.

NPA 456 (International Inbound Service), 800-855, Vertical Service Codes, and Automatic Number Identification (ANI) II Digits and N11 Codes. Mr. Manning reported that the NANPA did not make any assignments of these resources in 2004.

2004 NANPA Annual Report. The 2004 NANPA Annual Report will be available on the NANPA website (under Publications, NANPA Annual Report) by the end of March 2005. Notice will be sent to the NANC when the report is available.

NPA/NANP Exhaust Projections. Mr. Manning stated that in accordance with the NANPA technical requirements, NPA and NANP exhaust projections will be made available at the end of April 2005. Projections will be posted to the NANPA website (under Report, NRUF). Notice will be sent to the NANC when the projections are available.

2004 NANPA Highlights. Mr. Manning provided highlights from 2004 with regard to NANPA performance, activities, etc. with the NANC.

Courtney Jackson, OUR, inquired as to what trends are emerging in the use of 555 codes. Mr. Manning stated that since the 555 NXX has become available, the NANPA made a lot of assignments in 2000-2001. He further stated that the NANPA is finding that these numbers have been assigned, but there is not much usage within the networks. Mr. Manning advised that the NANPA is not receiving any requests for these resources.

**C. Presentation by the National Thousands-Block Pooling Administrator (PA).**

Amy Putnam, NeuStar, provided the report to the NANC. Ms. Putnam reported that the following Change Orders were approved by the FCC in January 2005:

- Change Order No. 27 – Extending Forecast Report from 12 to 18 months
- Change Order No. 31 – Expand Query Options for Donation Report
- Change Order No. 32 – Modify Process for Deleting PAS work items
- Change Order No. 33 - Red Light Rule Interim Manual Process
- Change Order No. 36 – Red Light Rule System Modification

Ms. Putnam advised that all improvements are scheduled to be available on April 4, 2005.

Ms. Putnam reported that Change Order No. 24 - LNPA WG PIM 24/INC CO/NXX Issue 364 Recurring NPAC reports, has been withdrawn and will be resubmitted. It is presently being reviewed by the INC and the LNPA WG.

The following two (2) Change Orders are pending:

- Change Order No. 38 – 1Q2005 PAS Users' Proposed Enhancements to the PAS. The NOWG recommended approval of all seven (7) suggestions.
- Change Order No. 39 – Thousands Block Part 4 Report (combines previous Change Orders 25 and 34). The NOWG recommended approval.

Ms. Putnam reviewed the PAS Assignment Volume Report with the Council. She stated that there were 71,792 assigned blocks as of February 28, 2005.

For the January 2005 Thousands Block Pooling Report, 5,636 applications were approved; 457 applications were denied; and 254 applications were suspended. For the February 2005 Report, 6,558 applications were approved; 511 applications were denied; and 231 applications were suspended.

The PAS availability was 99.9% with one instance of unavailability for January 2005 and 100 % for February 2005.

Ms. Putnam reported on the Non-Participating Carriers Report. She stated that the PA ran the report, attempted to contact the carriers that were on the list, and provided them the opportunity to get off of the list. The timing of the report before the NRUF and Pooling Forecast deadlines was well-received. It permitted non-compliant service providers the opportunity to tackle all issues at one time. The carriers that the PA could not contact and/or did not respond remained on the list which was sent to the FCC on January 25, 2005. The PA sent a list of possible reclaimable codes to the NANPA for review.

Ms. Putnam reported that since January 31, 2005, the PA has had to open 230 NXX codes to replenish pools to satisfy Service Provider requests.

The PA posted the NOWG PA Survey to the PA website on January 24, 2005 and a separate email was sent with instructions to the state regulatory distribution list. A reminder was set to the PAS and the state regulatory distribution list on February 28, 2005.

**D. North American Portability Management LLC (NAPM LLC) Report.** Karen Mulberry, Co-Chair, presented the report to the NANC. Ms. Mulberry reported that the NAPM LLC has concluded its Statement of Work with regard to Change Orders 399 and 400 from the LNPA WG. The project plan is being worked at the LNPA WG.

Ms. Mulberry reported that the NAPM LLC has approved the recommendation regarding the NPAC Server Migration. The recommendation was made to the NAPM LLC in February 2005.

Ms. Mulberry stated that there was a performance bond in the original NPAC contract. She explained that it was put in place as a result of Perot Lockheed Martin going out of business. Ms. Mulberry advised that there has been a change. The performance bond has been replaced with a letter of credit. The letter of credit covers any issue that may arise with the NPAC, e.g., if the NPAC goes out of service, if it needs to be replaced, if there is a vendor change, etc., the industry will get funding to establish a new NPAC.

#### Transfer of Management of the SMS/800 Database

Chairman Atkinson stated that there is an industry coalition that is working on a proposal to replace the RBOCs with an industry entity to manage the Centralized Toll Free Date Base (SMS 800 Date Base). The group will provide the NANC with a status report.

**E. Industry Numbering Committee (INC) Report.** Adam Newman, INC Vice Chair, provided the report to the NANC. Mr. Newman reviewed the INC Meeting Schedule with the NANC.

CO/NXX Subcommittee. Mr. Newman stated that INC Issue 453, Forecast Improvements, centralizes forecast submissions by Service Providers through the NANPA by adding six-month forecasting data to FCC Form 502, thereby eliminating the Thousands Block Pool Forecast Report. This may require development of mechanized interface between the NANPA and the PA to permit the PA to continue to manage/forecast the industry pool on a 6-month basis. This issue will impact the FCC Form 502 NRUF, and the NAS and PAS numbering administration systems. The INC is working this issue and will inform the NANC of its progress.

Mr. Newman reported that the INC opened INC Issue 466, Update Central Office Code Administration /Guidelines (COCAG) Appendix C for Code Holder Changes in NPAC, in response to a request from the LNPA WG. This issue addressed the request to modify the COCAG Appendix C to include the Coordinated Industry Effort Process as an option for Service Providers to change the Code Holder of an NXX in the NPAC. The INC was contacted by the LNPA WG with suggested change to the COCAG. The issue is still being worked.

NPA Subcommittee – US Dept. of Navy (DON) Request for NPA. Mr. Newman reported on INC Issue 459, Request to Consolidate Country Code Number 1 Assets of the United States Department of the Navy (DON) for a Newly Issued Area Code. The INC received, organized and prioritized feedback from industry forums/committees with nearly 100 questions in response to its request for input. The INC scheduled a cross-committee meeting to allow the DON to address the questions of the committees in an expedited fashion.

The DON asked the INC to table the issue on March 3, 2005. The DON will use the next 90 days to review, conduct further analysis, and try to satisfactorily resolve questions concerning its request for an area code.

Issues Remaining in Initial Pending Due to Change Order Process. Mr. Newman reported on INC Issue 458, Reduce “Aging Period” for Returned/Reclaimed Blocks from 90 to 45 Days. The NOWG has approved the Change Order associated with INC Issue 458. The INC is waiting for the FCC to take action on the NOWG’s recommendation.

Issues in Final Closure. The following INC issues are in Final Closure:

- INC Issue 464: Update Pool Indicator Footnote on CO Code Part 1 Form
- INC Issue 434: Removal of Codes from NPAC When There are Ported Numbers.

**F. Billing and Collection Agent (B & C Agent) Report.** Faith Marcotte, Welch and Company LLP (Welch), provided the report to the NANC. Ms. Marcotte reviewed the NANC Fund Statement of Financial Position with the NANC. She reported that as of February 28, 2005, the fund balance was approximately \$7.0 Million. It is mainly made up of cash of \$8.4 Million, less accrued liabilities of \$1.4 Million. The Accrued Liabilities are: NeuStar – NANPA Administration contract; NeuStar – Thousands Block Pooling contract; Welch & Company LLP – Billing and Collection Agent; overpayments due to US carriers; and payments due to the auditor, WithumSmith & Brown.

Ms. Marcotte stated that by June 2005, the B&C Agent is projecting a fund balance of approximately \$5.6 Million.

Ms. Marcotte stated that the budget for the year July 2005 to June 2006 was prepared to determine the funding requirements and the contribution factor for the upcoming year. She reported that the net projected disbursements after considering contributions from international participants and projected interest income are \$5.819 million.

Ms. Marcotte stated that based on the budget, the B&C Agent has provided five options for the contribution factor for the NANC’s consideration. The NANC will also have to decide on the amount of the contingency fund. Ms. Marcotte noted that all of the options were reviewed with the Billing and Collection Working Group (B&C WG). She reviewed the options with the NANC members.

Ms. Marcotte advised that the B&C WG is considering Option 1 which uses up the entire projected fund surplus by June 30, 2005. This option brings the surplus down to the contingency amount. Ms. Marcotte pointed out that there is no reason to keep a large surplus in the fund.

Rosemary Emmer, Nextel, thanked Welch and Company for working so closely with the B&C WG, doing such a thorough job in providing the options, and so quickly turning around new options when asked to do so.



**G. Billing and Collection Working Group (B&C WG).** Jim Castagna, Verizon, provided the report to the NANC. Mr. Castagna reported that with regard to the 2005/2006 NANC Budget and Contribution Factor, the B&C WG:

- consulted with Welch and Company;
- considered various factors and issues;
- explored several options;
- discussed approaches to address the surplus; and
- addressed fluctuating contribution factor concerns.

Mr. Castagna advised that the recommendation of the B&C WG is to implement Option 1B. Option 1B uses up the entire projected fund surplus of \$5,678,531. The Contingency amount will be set to \$1,000,000. A Contribution Factor of 0.0000046 will be implemented. Option 1B was arrived at using the following rationale:

- The existing surplus will be used to fund most of next year's budget, thus providing the benefit of significantly lower payments for all carriers.
- Simple to Implement – Achieves reconciliation without the administration and expense of calculating surplus contributions by individual carriers during past years and issuing credits or refund checks.
- Contingency Fund amount is the same as used in the past and provides a larger buffer for the Fund should conditions change.
- Future contribution factors anticipated to be around 0.000025 in subsequent years based on the current view, thus providing long term stability.

Mr. Castagna stated that combined with the recommendation for Option 1B are the following suggested activities that the B&C WG is asking the NANC to consider.

- Welch and Company should prepare an FCC filing reflecting the contribution factor and budgeted amounts associated with Option 1B.
- The NANC should ask the FCC to direct the Agent to implement Option 1B.
- The B&C Agent, the FCC and the NANC B&C Working Group members should formally notify interested parties by clearly stating in the documentation that:
  - The use of surplus funds for 2005/2006 funding resulted in an unusually low contribution factor of 0.0000046 for fiscal year 2005/2006 only.
  - Based upon the current view, beginning in fiscal year 2006/2007, the contribution factor will return to approximately 0.000025.
  - Welch will consider bill inserts and/or other forms of notification, e.g., monthly reminder text.

The NANC reached consensus to accept the recommendation for Option 1B. Welch will prepare a factual paper and file it direct with the FCC. Chairman Atkinson will prepare a cover letter to the FCC indicating that the NANC supports Option 1B, explaining the

NANC's rationale for choosing Option 1B, and advising the FCC that it will be receiving formal documentation from Welch and Company which will include the NANC's rationale.

**H. Safety Valve IMG Final Report.** Douglas Sullivan, Verizon, provided the report to the NANC. Mr. Sullivan provided background information regarding the creation of the Safety Valve IMG. He stated that during the November 4, 2004 NANC meeting, Qwest made a presentation concerning an issue that it was having with the safety valve process. Qwest reported that the process was taking significantly longer than the 10 days that had been identified as a reasonable time period by the FCC in the Third Report and Order (FCC-01-362, paragraph 58-66). The average time was 35 days, with a minimum of 3 days and a maximum of 313 days. The Safety Valve IMG (IMG) was created to address this issue.

Mr. Sullivan thanked Don Gray, NARUC Nebraska, and Jim Castagna, Verizon for their work with the IMG. He stated that because of their efforts, the IMG is able to submit a final report.

Mr. Sullivan reported that over the last two months, the IMG has had approximately 4 meetings. He advised that the IMG has been able to reach consensus on some items. Mr. Sullivan stated that both carriers and state commission IMG participants do not propose to take away the FCC-delegated authority from states to handle safety valve cases. The IMG does agree that incremental improvements in the process would be made possible without the need to change the FCC Rules. The approach will be that these incremental changes that are being proposed will help shorten the overall interval for Safety Valves. If that does not happen, the IMG will be more than happy to revisit the issue and potentially look at a rule change for the FCC's consideration.

Mr. Sullivan reviewed the five IMG recommendations with the NANC:

#### **1. Raise Awareness**

The Safety Valve IMG recommends that the following actions, which do not require procedural or regulatory changes, be taken to raise awareness and address the concerns identified. Recognition should be given to those states that are actively engaged in numbering resource issues and respond to safety valve requests in a timely manner. Carriers should continue to work with the individual states that are not responding in a timely manner to safety valve requests. The NARUC members of NANC should bring the issue of timely responses to service provider requests to the states for a discussion.

## **2. Quick Sheet**

The IMG sees great value in the implementation of a Quick Sheet since beyond identifying which state commissions have chosen to opt out, the Quick Sheet summarizes the process and other salient information crucial to preparing and planning safety valve waivers. The proposed Quick Sheet is an enhancement of the safety valve matrix currently maintained on the NANPA website (<http://www.nationalnanpa.com/pdf/SafetyValveMatrix.pdf>). The actual method of obtaining the initial data, maintaining the data, the periodic updates, and identification of an organization to be in charge of the Quick Sheet will have to be determined. NeuStar may be a likely candidate. The utility of putting this information in one place for use by carriers, regulators and other interested parties who depend on safety valve waivers when the uniform needs-based tests fails to recognize an appropriate use of numbering resources is strongly recommended. The IMG recommends that the current Safety Valve Matrix maintained on the NANPA website be modified to incorporate the changes presented in the Quick Sheet and that NeuStar, be assigned the responsibility of implementing updated Safety Valve Matrix information submitted to it by state regulatory agencies.

Chairman Atkinson asked whether the IMG had discussed this recommendation with NeuStar and whether this will require a Change Order or any additional money. Mr. Castagna stated that he had discussed it with NeuStar, but not from the Safety Valve IMG perspective. It was discussed offline with NeuStar when it was recommended by the NANC that something be done. Mr. Castagna stated that since it is already a published report that NeuStar maintains, he does not anticipate that this is a new activity. Mr. Manning stated that NeuStar will augment the information in the matrix that it already maintains and will rely on the states to update its own information. NeuStar will post what the states provide to its website. Mr. Manning indicated that no Change Order will be required. Ms. Putnam advised that the PA will also post the information to the pooling website and indicated that no Change Order will be required.

## **3. Action Clock**

If a state regulatory agency fails to take action (approve, deny, or take other ministerial action) within 10 business days of receipt of a safety valve request, the action clock will have been deemed to have timed out. Ministerial action includes, but is not limited to, a response by staff to the requesting carrier indicating the waiver request has been received and is being examined, investigated, requires additional information, etc. When a carrier submits a safety valve request to a state regulatory agency, and the Action Clock times out, the carrier may petition the FCC for resolution under paragraph 66 of FCC 01-362, released December 28, 2001. Both the state regulatory agency and the carrier agree to accept the findings of the FCC.

#### **4. State Regulatory Opt Out**

A State regulatory agency may choose to “opt-out” of the Safety Valve process indicating that they have elected to not participate in the review process. In states that have opted out, a carrier may petition the FCC for resolution under paragraph 66 of FCC 01-362, released December 28, 2001, without waiting for the Action Clock to time out. Both the state regulatory agency and the carrier agree to accept the findings of the FCC.

#### **5. Designated Entity Review of Pre-defined Criteria**

Mr. Sullivan stated that the fifth recommendation will require a rule change and will only be invoked by a carrier if a state regulator has formally opted out, thereby declining in advance to hear any Safety Valve requests in its jurisdiction. It would be a long-term solution in the event that the incremental improvements suggested above are not effective in reducing the overall interval for Safety Valve requests. The rule change would allow criteria to be identified by the states or by another entity so that if a state opted out, there could be some form of approval through criteria established up front.

Mary Retka, Qwest, thanked the members of the IMG for their hard work on coming to a solution. Chairman Atkinson also thanked the IMG. He further thanked NeuStar for doing the updates that the IMG suggested.

**I. Local Number Portability Report (LNPA WG).** Gary Sacra, Co-Chair, provided the report to the NANC. Mr. Sacra reported that the current NPAC Application Services product is older technology and reaching its end-of-life. NeuStar has planned technology migrations for the seven regional NPACs that will be performed during Sunday maintenance windows. The project plan and schedule have been approved by the LNPA WG and the NAPM LLC. Other than a one-time IP Address change, the migration to the newer technology application server should be transparent to Service Providers in their local systems. Mr. Sacra reviewed the current planned deployment schedule with the NANC.

Mr. Sacra reported that the NAPM LLC and NeuStar have agreed to terms for the Statement of Work (SOW) for NPAC Release 3.3. Release 3.3 contains enhancements including an increase to SOA interface throughput, improvements to the recovery process, and changes to the conflict process to mitigate inadvertent ports. Mr. Sacra reviewed the current planned deployment schedule with the NANC. The NAPM LLC will decide regional slots at its September 2005 meeting.

#### Status of NANC Change Orders 399 and 400:

Mr. Sacra gave a brief explanation for NANC Change Orders 399 and 400, provided some brief history, and provided the current status of the Change Orders in the LNPA WG.

- Change Orders 399 and 400 propose adding optional fields to the ported number record – service type, alternate Service Provider ID (SPID), and Uniform Resource Identifier (URI) fields.
- The Change Orders were referred to the LNPA by the NAPM LLC and introduced by NeuStar at the December 2004 LNPA meeting. The NAPM LLC charged the LNPA with answering questions of any breakage and backwards compatibility, and putting the Change Orders through the LNPA's Change Management Process.
- LNPA's Change Management Process is comprised of a thorough discussion and review of a Change Order's technical requirements.
- The LNPA has completed its review of the technical requirements for Change Orders 399 and 400.
- The next step would be to determine if Change Orders will be recommended for inclusion in next release.
- NeuStar has proposed that these Change Orders, if included in the next release, would be included in a "turned off" state.
- Service Providers at LNPA have voiced support for inclusion of 399 and 400 in a "turned off" state. Local System Vendors and a Service Bureau have expressed concerns.
- The LNPA has sent an information letter to other industry groups announcing the LNPA's discussion of these Change Orders.

#### LNPA Position Paper on Porting Obligations:

Mr. Sacra stated that this issue was brought to the LNPA by a number of Service Providers that were relating instances of difficulty not being able to port customers from some VoIP providers. The LNPA developed a Position Paper requesting that the NANC endorse the following statement and forward it to the FCC with its endorsement:

"VoIP service providers along with Wireless and Wireline service providers, have the obligation to port a telephone number to any other service provider when the consumer requests, and the port is within FCC mandates. Porting of telephone numbers used by VoIP service providers should follow the industry porting guidelines and the NANC Inter-Service Provider LNP Operations flows."

Mr. Sacra stated that in addition to requesting that the NANC endorse the statement and send the final statement with the endorsement to the FCC, the LNPA WG also intends to place the final statement in its Number Portability Best Practices document. In this

document, the LNPA WG has been capturing resolutions to a number of the issues that have been brought before the LNPA WG.

Chairman Atkinson questioned what the NANC would be asking the FCC to do if it were to forward something with that statement in it to the FCC. He further questioned whether this subject falls within the scope of the NANC Charter.

Mr. Williams stated that there have been concerns raised about porting involving VoIP providers. He emphasized that it is a very serious issue. Mr. Williams stated that to the extent that those issues are out there, whether they are widespread or not, it is something that the FCC needs to be made aware of. He further stated that the FCC would appreciate being informed, whether it is through the FCC's open VoIP proceeding, or whether it is through contacting the Wireline Competition Bureau, so that it can start to address the issue.

**Chairman Atkinson stated that further discussion would take place at the end of the meeting and be combined with the discussion regarding Change Orders 399 and 400.**

**J. Numbering Oversight Working Group (NOWG) Report.** Rosemary Emmer, Co-Chair, provided the report to the NANC.

PA Change Order Recommendation. Ms. Emmer advised that the NOWG has approved both recommendations to the NANC for Change Orders 38 and 39.

Status of the New PA Technical Requirements. Ms. Emmer reported that the NOWG has spent many months reviewing the New PA Technical Requirements Document. The NOWG completed the document as a final draft and has submitted it to the NANC for consideration. The deadline for comments and inputs is May 10, 2005.

NeuStar Board of Director Additions. Ms. Emmer stated that on January 28, 2005, NeuStar notified the Wireline Competition Bureau, Federal Communications Commission via Letter, regarding the addition of two (2) new members to the NeuStar Board of Directors (BOD). Chairman Atkinson directed the NOWG to consider this request on behalf of the NANC the same day. The NOWG has been tasked with providing feedback to the NANC of any perceived issues regarding the contents of this notification.

The NOWG considered this request and asked NeuStar questions as to the additional BOD members' qualifications for Neutrality and Independence. NeuStar responded that the new Board members were consistent with the NeuStar Safe Harbor Order, and that they are not employed by any of the entities appearing on the FCC's list of telecommunications services. They also reiterated that the Board members have signed the appropriate NeuStar neutrality compliance certifications, certifying their adherence to the NeuStar Code of Conduct.

The majority of the NOWG did not identify any perceived issues.

Status of the NANPA and PA 2004 Performance Surveys. Ms. Emmer reported that the NANPA and PA surveys were distributed via bulk email by the NANPA and the PA administrators as well as posted to each of their web sites. The NARUC and the INC sent notices via their distribution channels. All parties sent reminder emails. Ms. Emmer thanked everyone who has participated in trying to get the surveys submitted.

The response due date was March 4, 2005, and because of continued interest in participation and the fact surveys are still being submitted, the cut-off date has been extended until March 31, 2005.

The NOWG is in the process of gathering the results, creating a matrix of respondents and tallying the ratings and comments.

Ms. Emmer reviewed the NANPA/PA Evaluation Schedule and the NOWG Meeting Schedule with the Council.

Ms. Emmer stated that the NOWG plans to submit the Final Performance Report to the NANPA and the PA at the July 19, 2005 NANC meeting.

Beth O'Donnell, Cox Communications, Inc., expressed concern and confusion over the NeuStar BOD request.

Chairman Atkinson stated that he received a letter from the NOWG stating that the majority of the NOWG did not identify any perceived issues. He indicated that if there is a NANC view, it needs to be communicated to the FCC.

It was decided that Chairman Atkinson will send forth the letter that he received from the NOWG and indicate that the consensus of the NANC is that the candidates are acceptable.

**K. Future of Numbering Working Group (FoN WG).** Hoke Knox provided the report to the NANC. Mr. Knox reported that the FoN WG is still working on the Report of the Future of Numbering. He stated that the FoN WG put the report aside to work on the Navy NPA Request that was suspended. The FoN has not had any meetings since the Department of the Navy (DON) requested that its request be suspended.

The FoN WG is working on the VoIP Criteria and is asking for contributions related to it. The FoN documents and contributions can be found at the NANC-Chair website at <http://www.nanc-chair.org> should a NANC member wish to submit a contribution or review the status of the groups' work product.

VoIP Assignment Criteria:

- The FoN WG is tasked with the development of potential assignment criteria for VoIP providers so that they can obtain numbering resources directly from the NANPA or the PA.
- The FoN WG is currently developing a list of requirements and noting modifications required for VoIP assignment criteria.
- The FoN WG is drafting a NANC Report and Recommendation to document essential VoIP assignment criteria for the May 15, 2005 NANC meeting. VoIP contributions should be sent to [Hoke.Knox@mail.sprint.com](mailto:Hoke.Knox@mail.sprint.com) or [Karen.Mulberry@mci.com](mailto:Karen.Mulberry@mci.com).

Mr. Knox reviewed the FoN WG Meeting Schedule with the NANC.

Chairman Atkinson questioned whether the LNPA issue of assignments is a part of the FoN WG's work in progress. He further questioned whether the NANC can and should defer any decision by the NANC to the FoN WG to incorporate the LNPA's suggested language into the work of the FoN WG.

Chairman Atkinson stated that the FoN WG should be focusing on how to make porting feasible between at least the three major categories which are wireline, wireless, and VoIP/Broadband. He pointed out that there is a gap in the process. Chairman Atkinson stated that the NANC needs to inform the FCC about the real-world gaps that are being seen. He further stated that the gaps need to be filled.

After extensive discussion, it was decided that the FoN WG take the LNPA proposal as the public policy and incorporate the proposal in the FoN WG's Report and Recommendation.

Chairman Atkinson urged the NANC members to participate in the FoN WG and pay attention to the FoN WG's website.

**L. Presentation on Implementing Telephone Numbers for VoIP.** Tony Rutkowski, Verisign, presented the report to the NANC.

Chairman Atkinson explained that the NANC has had some Electronic Numbering (ENUM) discussions approximately every six months on the theory that, possibly, ENUM might affect the more conventional numbering plans and systems where the NANC has some responsibility.

Mr. Rutkowski gave an overview of the problem side of how to deal with telephone numbers for VoIP. He stated that some of his report overlaps with the FoN WG's material and that Verisign disagrees with some of it. He provided a different perspective and also some reports on international developments.



Mr. Rutkowski stated that a how-to resolution with regard to VoIP for number portability should not be done in an LLC kind of entity. He posited that the Alliance for Telecommunications Industry Solutions (ATIS) is the appropriate industry forum, and that it should work in cooperation with similar forums world-wide as soon as possible. Mr. Rutkowski stated that it should be done through established industry standards-making mechanisms and forums like the NANC and through public policy proceedings under the FCC. He pointed out that it is underscored by the recent United States Telecom Association (USTA) decision. Mr. Rutkowski stated that the FCC has to ultimately decide how telephone numbers are to be used for VoIP purposes.

Chairman Atkinson remarked that it is a big issue that is going on all over the world. He stated that the NANC need not be completely parochial and should remember that the NANC is part of a world-wide telecom system/network. Chairman Atkinson further stated that this is the kind of information that needs to be fed into the FoN WG.

**M. Country Code 1 ENUM Limited Liability Company (CC1 ENUM LLC) Presentation.** Karen Mulberry, MCI, presented the report to the NANC. Ms. Mulberry stated that the ENUM LLC has been in existence since the end of September 2004. The objective of the CC1 ENUM LLC is to build the public infrastructure that will promote the development of ENUM technology in a single, carrier-class manner within the countries of the North American Numbering Plan (NANP). The countries of the NANP include the United States, Canada, and the Caribbean nations.

Ms. Mulberry reported that the CC1 ENUM LLC was formed by several interested parties with the encouragement of the US government. Planning and formation discussions began in August 2003. The CC1 ENUM LLC was incorporated in September 2004. As of February 2005, there are seven members. Karen Mulberry is serving as the Chairman and James Baskin, Verizon as the Vice Chairman.

Ms. Mulberry reported that the CC1 ENUM LLC has very few limitations regarding its membership. There has to be a vested interest in ENUM, and no intentions of being a vendor to the CC1 ENUM LLC.

Ms. Mulberry reviewed The Principles, Mission and Scope, the CC1 ENUM Architecture, and the Estimated CC1 ENUM LLC Timeline with the NANC.

**N. Number Portability Administration Center Report on NANC Change Orders 399 and 400.** Tom McGarry, NeuStar, presented the report to the NANC.

Mr. McGarry advised that the NPAC is a centralized master provisioning system for ported and pooled numbers, regardless of the underlying network technology employed (wireline, wireless, cable, and IP telephone numbers (TNs) in the NPAC). It is provisioned thru a system called the Service Order Administration (SOA). Current routing information for ported and pooled TNs include:

- Location Routing Number (LRN) – terminating PSTN switch identification

- DPC/SSN – SS7 routing information services

The NPAC broadcasts routing and administrative data to all NPAC LSMS users simultaneously upon record activation. NPAC ensures that routing information is current and in sync, and that the NANC business processes have been followed prior to accepting any provisioning change for activation. Law Enforcement and Public Safety agencies depend on the NPAC Interpreted Voice Resource (IVR) to determine facilities-based carrier for surveillance purposes and emergency assistance. NPAC is used to generate lists for telemarketers to comply with Telephone Consumer Protection Act (TCPA).

Mr. McGarry stated that NANC 399 adds two data fields to each ported and pooled TV record:

- A Service Type
- An Alternate SPID

He stated NANC Change Order 399 does not change any business rules.

Mr. McGarry reviewed the NANC Change Order 399 Applications.

Mr. McGarry stated that NANC Change Order 400 adds four new routing fields to each ported and pooled TN record:

- Multimedia Message service (MMS) URI
- Voice gateway URI
- Push-to-talk Over Cellular (POC) URI
- Presence server URI

He stated NANC Change Order 400 does not change any business rules. The new fields contain IP routing information to ensure correct operation of service features offered by carriers today, associated with ported/pooled TNs. New fields are motivated by the deployment of new service provider features and supporting network infrastructure.

Mr. McGarry reviewed the NANC Change Order 400 Applications.

A discussion occurs regarding a group of carriers that want these features and functions and will encourage the NAPM LLC to put those features and functions in service and another group of carriers that do not want those features and functions but will get stuck with paying for them.

A discussion also takes place regarding whether the NANC should give the LNPA WG the go ahead to continue what it was planning to do.

Chairman Atkinson questioned whether customers are affected right now through the lack of either of these Changes Orders.

After extensive discussions, it was decided that the LNPA will be allowed to vote on the Change Orders. The LNPA will report by email on any decisions taken. Anyone who has legal opinions on the issue of whether NeuStar or the NAPM LLC is eligible to do these functions should circulate any legal policy opinions. The FoN WG and the LNPA WG will have a joint workshop to consider the technical as well as any obvious policy issues, and report back at the May 17, 2005 NANC meeting. At the May NANC meeting, the NANC will give consideration of those assessments and decide whether it will reverse any decisions or do nothing. The NANC will reserve the privilege to reverse any decisions that are taken by the NAPM LLC or the LNPA between now and the May 17, 2005 NANC meeting.

**O. List of NANC Accomplishments.** The Council reviewed the list of NANC Accomplishments.

**P. Public Participation.** None.

**Next Meeting: May 17, 2005**

#### **ACTION ITEMS – March 15, 2005 NANC Meeting**

**1. NANC Primer – NANC Primer IMG**

Develop a tutorial on NANC responsibilities, procedures, etc. to provide new NANC members with basic information and to refresh longer serving members. (Beth O'Donnell, Cox, is IMG Chair)

**2. NAPM LLC Status Report – Karen Mulberry**

Karen Mulberry will e-mail the LLC's status report for March 2005.

**3. Contribution Factor Letter – Chairman**

Write letter to the FCC re NANPA contribution factor.

**4. Comments on PA Technical Requirements by May 10, 2005 – All**

Any comments should be forwarded to the NOWG by May 10, 2005.

**5. Forward Letter to FCC re NeuStar Board of Directors – Chairman**

The letter will say that the consensus of the NANC is that the candidates are acceptable.

**6. LNPA NANC Change Orders 399 and 400**

- **LNPA WG:** report on the disposition of Change Order 399 to be considered at its next meeting.
- **Interested parties** (Telecordia/Verisign/NeuStar) are invited to provide the NANC with legal opinions about the issues, including the NANC's responsibility.
- **FoN WG/LNPA WG:** conduct a joint workshop to assess Change Order 400.